

TAB HALL OF HONOR RECIPIENT NOMINATION FORM



[<https://www.colorado.edu/even/faculty/william-emery>]

CANDIDATE NAME: Prof. William J. Emery

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BIOGRAPHY: William Emery (IEEE M'90–SM'01–F'02) holds a Ph.D. in Physical Oceanography from the University of Hawaii, Honolulu(1975). He was with Texas A&M University, College Station, TX, and in 1978, he moved to the University of British Columbia, Vancouver, BC, Canada, where he created a Satellite Oceanography Facility/Education/Research Program. In 1987, he was appointed as a Professor of Aerospace Engineering Sciences at the University of Colorado, Boulder, CO. Author of more than 182 refereed publications, 2 textbooks, and more than 150 conference papers (h index is 50, and number of citations larger than 7,500), Prof. Emery is fellow of the IEEE (2002), AMS (2010), AAS (2011), and AGU (2012). Recipient of the 2004 IEEE-GRSS Educational Award, and the 2009 IEEE-GRSS Outstanding Service Award, he is the founding Editor of IEEE-GRSL in 2004, and its Editor-in-Chief for 6 years, he is the Editor-in-Chief of AMS-JTECH, and IEEE-GRSS Vice-President of Publications.

CITATION: *For the many significant contributions to IEEE publications both at the society and TAB levels*

DESCRIPTION OF ACCOMPLISHMENT(S) RELATIVE TO THE CREATION, DEVELOPMENT, OR ADVANCEMENT OF THE TECHNICAL OBJECTIVES OF THE IEEE:

Prof. Emery has an **outstanding track record of activities related to publications** within his home IEEE society, the Geoscience and Remote Sensing Society, and more broadly across IEEE.

At the IEEE-GRSS level, he **proposed and established** the **IEEE Geoscience and Remote Sensing Letters (GRSL)** to respond to a growing need for shorter papers with quick turnaround response time. He served as **its Editor-in-Chief for 6 years**, and has been the VP for Publications over the past 8 years.

At the IEEE wide level, he has been a **member of** the **IEEE Periodicals Committee (PerCom)** for 12 years, chairing it for 2 years. During his term at PerCom he created the **Proposal Encouragement Team ad hoc committee, now the Proposal Development Committee standing committee**. He **formalized the submission procedure for new periodicals**, and **initiated the Revitalization/Termination (RT) committee**, terminating 5 journals, and revitalizing 2. He was a **member of** the Periodicals Review and Advisory Committee (**PRAC**) for 8 years, **chairing it for 2 years** when its handbook was written, and on the **TAB-PSPB strategic planning committee** for publications in 2018 and 2019

DATE(S) OF ACCOMPLISHMENT(S):

Three major accomplishments are highlighted:

1. Creation of GRSL: Prof. Emery proposed it at TAB summer meeting in 2002 in Mexico City. It was approved by PerCom, but at that time not by FinCom. The way it was implemented was as a "letters section" of TGRS by increasing the number of pages. Then, in February-March 2003 FinCom approved GRSL for publication. Prof. Emery served as its Editor-in-Chief from 2003 to 2009.

2. Creation of Proposal Encouragement Team ad hoc committee: Prof. Emery joined PerCom in 2006 and proposed the Proposal Encouragement Team (PET) ad hoc that year. It was formalized to the Proposal Development Committee in 2013, and he was the chair from 2013 to 2015.

3. Creation of Revitalization/Termination (RT) committee: Prof. Emery was the chair of PerCom from 2015 to 2017 and proposed the Revitalization/Termination (RT) process in 2015. At the same time the new journal proposal process was formalized and the flow chart and documentation on the web was authored by him in 2015.

RELEVANT IEEE ACTIVITIES:

1. Proposed and established GRSL and served as the EiC from 2003 to 2009
2. Served on the IEEE Periodicals Committee (PerCom) for 12 years (2006-2019), 2 of which (2015-2017) as chair.
3. The Proposal Encouragement Team (PET) ad hoc started in 2006. It was later formalized into the Proposal Development Committee (PDC), now a standing committee of PerCom, in 2015 under the leadership of Mike Polis of PerCom.
4. As PerCom chair, formalization of the submission procedure for new periodicals in 2015, which constitutes the majority of information available on the PerCom web page.
5. Initiation of the Revitalization/Termination (RT) committee process to deal with struggling publications. As PerCom chair (2015-2017) 5 publications were convinced to cease operations, and 2 were revived.
6. Member of the Periodicals Review and Advisory Committee (PRAC) since 2011, chair from 2017 to 2019 when the PRAC handbook was written by Jessica Dunlap-Yazujian, and member of PRAC for the next 3 years.
7. Starting the EiC handbook in 2019 and completed in early 2020 by IEEE pubs. To be presented to the Panel of Editors meeting at the end of April.
8. IEEE GRSS VP for publications since 2012 (8 years).
9. Member of TAB-PSPB strategic planning committee for publications 2018-2019.

REFERENCES: *Include a minimum of two, maximum of three references. The reference forms are to be sent directly to the TAB Hall of Honor Selection Committee*

1. Paolo Gamba <paolo.gamba@unipv.it>
2. Melba M Crawford <mcrawford@purdue.edu>
3. Kamal Sarabandi <saraband@eecs.umich.edu>

Nominator: Adriano CAMPS <camps@tsc.upc.edu>

NOTE: *The Nominator cannot serve as a reference. Self-nomination is acceptable.*